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Subject: TCT TZW Follow Up
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Jean,

During yesterday's TCT you had questions about the ESCO Landfill, Sulzer Pump and the head of the international slip.

ESCO Landfill – As I noted yesterday, landfill operations had overtaken the monitoring well network, meaning that the fill now encompassed the monitoring wells. The fill is composed of zirconium sands. Uranium (U) levels in the monitoring well, now surrounded by zirconium sands, did initially spike above the MCL for U after the fill was placed around it. The levels have since decreased to below the MCL. New monitoring wells (shallow and deep groundwater zones) have been constructed between the fill and Multnomah Channel. The wells are located on the channel side of the dike. Groundwater flow direction in the shallow aquifer is toward Multnomah Channel. Water level data is being collected monthly. Regional vertical gradient information obtained from nearby water supply wells indicates that there is an upward groundwater gradient. Quarterly groundwater monitoring is currently being conducted for the new monitoring wells, and the fourth quarter monitoring is scheduled for this July. The DEQ Solid Waste Program expects a monitoring report summarizing the initial four quarters of monitoring data by the end of the year.

Sulzer Pump – Groundwater investigation work conducted at the site to date did include metals but did not include PCBs.

Head of the International Slip – Groundwater investigation adjacent to the head of the slip itself has been limited. Investigations have focused on potential source areas further up gradient. At this time, there is no reason to believe that groundwater at the head of the slip is significantly impacted. The DEQ project manager indicated that the LWG CSM for the site provides a good summary of what is known about groundwater impacts.

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